



<b>Substitute for form 1449A-B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>	<b>Complete if Known</b>	
	Application Number	<b>09/502,283</b>
	Filing Date	<b>February 11, 2000</b>
	First Named Inventor	<b>Sun Ai Raillard et al.</b>
	Group Art Unit	<b>1639</b>
	Examiner Name	<b>Jon D. Epperson</b>
	Attorney Docket Number	<b>0123.210US</b>

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
/JE/	A1	6,340,588		Nova et al.	01-22-2002	
/JE/	A2	6,274,088		Burbaum et al.	08-14-2001	
/JE/	A3	6,146,854		Koster et al.	11-14-2000	
/JE/	A4	6,083,761		Kedar et al.	07-04-2000	
/JE/	A5	5,770,860		Franzen	06-23-1998	

FOREIGN PATENT DOCUMENTS								
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		Office	Number	Kind Code (if known)				
/JE/	A6		WO 98/20020		Sequenom, Inc.	05-14-1998		
/JE/	A7		WO 94/16101		Koster, Hubert	07-21-1994		
/JE/	A8		WO 92/12233		Medical Research Council	07-23-1992		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T
/JE/	A9	International Search Report for PCT/US00/03686			
/JE/	A10	Chauvaux, N. et al., (1997). Quantative Analysis of 1-aminocyclopropane-1-carboxylic acid by liquid chromatography coupled to electrospray tandem mass spectrometry. In Journal of Chromatography (Vol. 775, pgs. 143-150), New York, NY, [abstract] by Biological Abstracts, Philadelphia, PA, Abstract No. PREV199799712581, Lines 14-16 XP0022142054.			
/JE/	A11	Kato, K. et al., (1997). Rapid characterization of urinary metabolites of pibutidine hydrochloride in humans by lliquid chromatography/electrospray ionization tandem mass spectrometry. In Rapid Communications in Mass Spectrometry (Vol. 13(15), pgs. 1626-1632) London UK, [abstract] by Medline, Washington DC, Abstract No. 9935217, Lines 9-11, XP002142053			
/JE/	A12	Weinmann, W. et al. (1998). "Fast screening for drugs of abuse by solid-phase extraction combined with flow-injection ionspray-tandem mass spectrometry. In Journal of Analytical Toxicology (Vol. 22(4) pgs. 319-328), New York, NY, [abstract] by Chemical Abstracts, 129(17), Abstract No. 212610, XP002142055			

Examiner Signature	/Jon Epperson/	Date Considered	03/27/2007
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Application Number	09/502,283
	Filing Date	February 11, 2000
	First Named Inventor	Sun Ai Raillard
	Group Art Unit	Unassigned
	Examiner Name	Unassigned
Attorney Docket Number		02-029510US

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U.S. PATENT DOCUMENTS						
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		Number	Kind Code (if known)			
IJE/	AA	4,683,202				
IJE/	AB	5,426,039				
IJE/	AC	5,756,316				
IJE/	AD	5,783,431				
IJE/	AE	5,824,485				

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
IJE/	AF	WO	95/22625					
IJE/	AG	WO	96/33207					
IJE/	AH	WO	98/42727					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T
	AI	Arnheim & Levinson (October 1, 1990) <u>C&amp;EN</u> 36-47		
	AJ	Barringer <i>et al.</i> (1990) <u>Gene</u> 89, 117		
Titles	AK	Botstein and Shortle, <u>Science</u> 229: 1193-1201 (1985)		
	AL	Carter et al., <u>Nucl. Acids Res.</u> 13: 4431-4443 (1985)		
	AM	Carter, <u>Biochem. J.</u> 237: 1-7 (1986)		
	AN	Cheng <i>et al.</i> (1994) <u>Nature</u> 369: 684-685		
IJE/	AO	Crameri and Stemmer "1020-Fold aptamer library amplification without gel purification" (1993) <u>Nucleic acid Research</u> Vol. 21 No. 18, pg. 4110		
IJE/	AP	De Souza, M., Sadowsky, M. J. & Wackett, L. P.: Atrazine Chlorohydrolase from <i>Pseudomonas</i> sp. Strain ADP: Gene Sequence, Enzyme Purification, and Protein Characterization. <u>J. Bacteriol.</u> 178:4894-4900 (1996))		
Titles	AQ	Fritz et al., <u>Nucl. Acids Res.</u> 16: 6987-6999 (1988)		
	AR	Guatelli <i>et al.</i> (1990) <u>Proc. Natl. Acad. Sci. USA</u> 87, 1874		
	AS	Kramer et al., <u>Nucl. Acids Res.</u> 12: 9441-9456 (1984)		

Examiner Signature	/Jon Epperson/	Date Considered	03/27/2007
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number 09/502,283  
Filing Date February 11, 2000  
First-Named Inventor Sun Ai Raillard  
Group Art Unit Unassigned  
Examiner Name Unassigned  
Attorney Docket Number 02-029510US

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No Titles	AT	Kramer et al., <u>Nucl. Acids Res.</u> 16: 7207 (1988)	
No Titles	AU	Kunkel et al., <u>Methods in Enzymol.</u> 154:367-382	No Date
No Page	AV	Kunkel, "The efficiency of oligonucleotide directed mutagenesis" in <u>Nucleic acids &amp; Molecular Biology</u> , Eckstein and Lilley, eds., Springer Verlag, Berlin (1987)	
	AW	Kwoh et al. (1989) <u>Proc. Natl. Acad. Sci. USA</u> 86, 1173	
No Titles	AX	Landegren et al., (1988) <u>Science</u> 241, 1077-1080	
	AY	Nakamaye and Eckstein, <u>Nucl. Acids Res.</u> 14: 9679-9698 (1986)	
	AZ	Ostermeier et al. (1999) "A combinatorial approach to hybrid enzymes independent of DNA homology" <u>Nature Biotech</u> 17:1205	
	BA	Sayers et al., <u>Nucl. Acids Res.</u> 16: 803-814 (1988)	
	BB	Sayers et al., <u>Nucl. Acids Res.</u> 16:791-802 (1988)	
No Titles	BC	Schatz (1993) <u>Biotechnology</u> 11, 1138-1143	
	BD	Smith et al. (1998) <u>Nucleic Acids Res.</u> 26, 1414-1420	
	BE	Smith, <u>Ann. Rev. Genet.</u> 19: 423-462 (1985)	
	BF	Sooknanan and Malek (1995) <u>Biotechnology</u> 13: 563-564	
No Journal	BG	Stemmer, et al., (1999) "Molecular breeding of viruses for targeting and other clinical properties. <u>Tumor Targeting</u> " 4:1-4	
	BH	Taylor et al., <u>Nucl. Acids Res.</u> 13: 8749-8764 (1985)	
	BI	Taylor et al., <u>Nucl. Acids Res.</u> 13: 8765-8787 (1985)	
	BJ	Van Brunt (1990) <u>Biotechnology</u> 8, 291-294	
No Titles	BK	Wells et al., <u>Gene</u> 34:315-323 (1985)	
	BL	Wu and Wallace, (1989) <u>Gene</u> 4, 560	
	BM	Zoller and Smith <u>Methods in Enzymol.</u> 100: 468-500 (1983)	
	BN	Zoller and Smith <u>Methods in Enzymol.</u> 154: 329-350 (1987)	
	BO	Zoller and Smith, <u>Nucl. Acids Res.</u> 10: 6487-6500 (1982)	

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